Gawronski, B. (2009). Ten Frequently Asked Questions About Implicit Measures and Their Frequently Supposed, But Not Entirely Correct Answers. Canadian Psychology, 50 (3), 141-150.

Implicit Association Test (Greenwald, McGhee, & Schwartz, 1998)

• The tasks consists of 5 blocks:

1. practice – category (e.g., white vs. black)



- The tasks consists of 5 blocks:
  - 1. practice category (e.g., white vs. black)



- The tasks consists of 5 blocks:
  - 2. practice attribute (e.g., good vs. bad)



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- The tasks consists of 5 blocks:
  - 3. test prejudice congruent (white + good vs. black + bad)



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- The tasks consists of 5 blocks:
  - 4. practice attribute (inverted keys)



- The tasks consists of 5 blocks:
  - 5. test prejudice incongruent (white + bad vs. black + good)



- The tasks consists of 5 blocks:
  - 5. test prejudice incongruent (white + bad vs. black + good)



- The order of the congruent and incongruent test blocks is generally counterbalanced so that half participants complete the congruent block first while the other half complete the incongruent block first.
- The IAT measure the strenght of association between <u>pairs</u> of concepts. The IAT effect is generally computed as the difference between the average latency in the incongruent block and the average latency in the congruent block (for a detailed explanation of the algorithm see Greenwald et al., 2003). In the race IAT, for instance, the higher the score the higher the prejudice against Blacks *compared to* Whites.
- The assumption is that responses will be faster in the congruent than in the incongruent block. Faster responses reflect stronger mental associations between concepts.

Evaluative priming task (Fazio, Jackson, Dunton, & Williams, 1995)



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### Evaluative priming task

• Two types of trials: congruent (Black prime followed by a negative target word) vs incongruent (Black prime followed by a negative target word). The faster the response to the negative words, the stronger the associative link between black and negative attributes.

Semantic priming task (Wittenbrink, Judd, & Park, 1997)



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Semantic priming task (Wittenbrink, Judd, & Park, 1997)



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Affect misattribution procedure (Payne et al., 2005)



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = Black):

1. Target = black + good; distracter = bad



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The tasks consists of 2 blocks (TARGET = Black):

1. Target = black + good; distracter = bad



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = Black):

2. Target = black + bad; distracter = good



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = Black):

2. Target = black + bad; distracter = good



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = White):

1a. Target = white + bad; distracter = good



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = White):

1a. Target = white + bad; distracter = good



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = White):

1a. Target = white + bad; distracter = good



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = White):

2a. Target = white + good; distracter = bad



Go-No-go Association Task (Nosek & Banaji, 2001)

The tasks consists of 2 blocks (TARGET = White):

2a. Target = white + good; distracter = bad



Approach-avoidance task

The tasks consists of 2 blocks:

1. Approach a target (e.g., spiders) + Avoid a distracter (e.g., butterflies)



Approach-avoidance task

The tasks consists of 2 blocks:

1. Approach a target (e.g., spiders) + Avoid a distracter (e.g., butterflies)





Approach-avoidance task

The tasks consists of 2 blocks:

2. Avoid a target (e.g., spiders) + Approach a distracter (e.g., butterflies)



Approach-avoidance task

The tasks consists of 2 blocks:

2. Avoid a target (e.g., spiders) + Approach a distracter (e.g., butterflies)



The AAT effect is the difference between the average latency in the two blocks.

